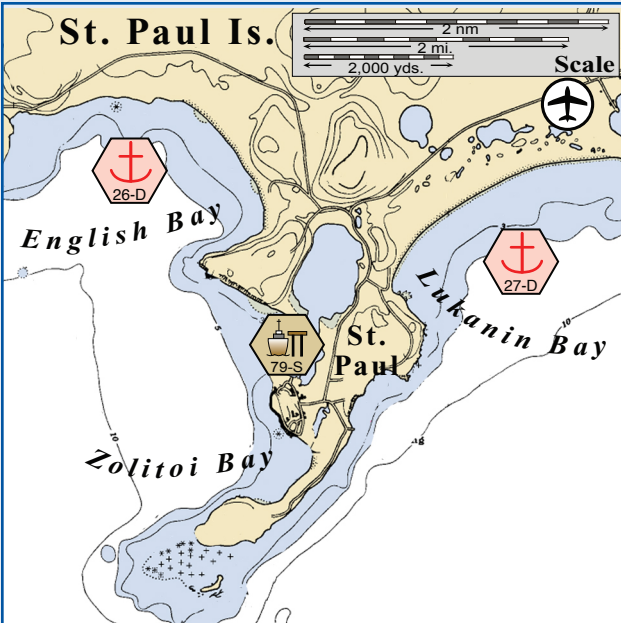
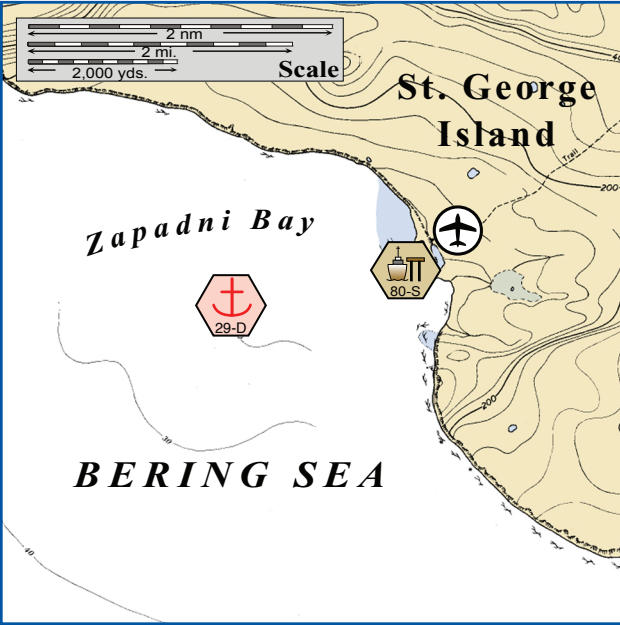


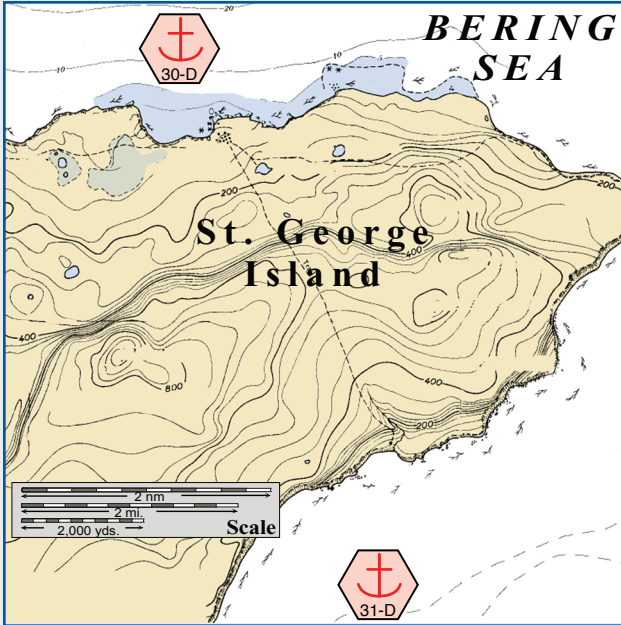
North Anchorage, St. Paul Island.



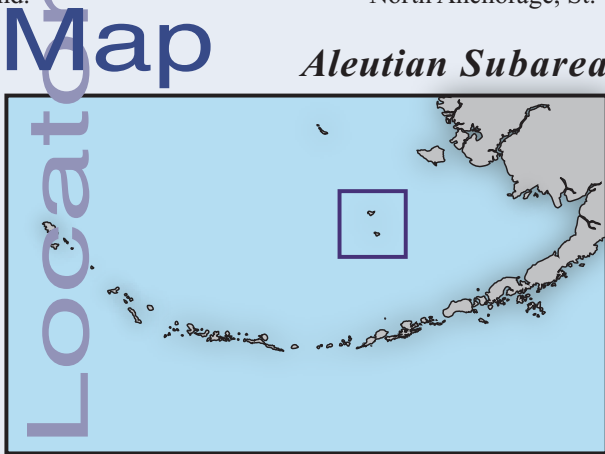
English Bay and Lukanin Bay - St. Paul Island.



Zapadni Bay, St. George Island.

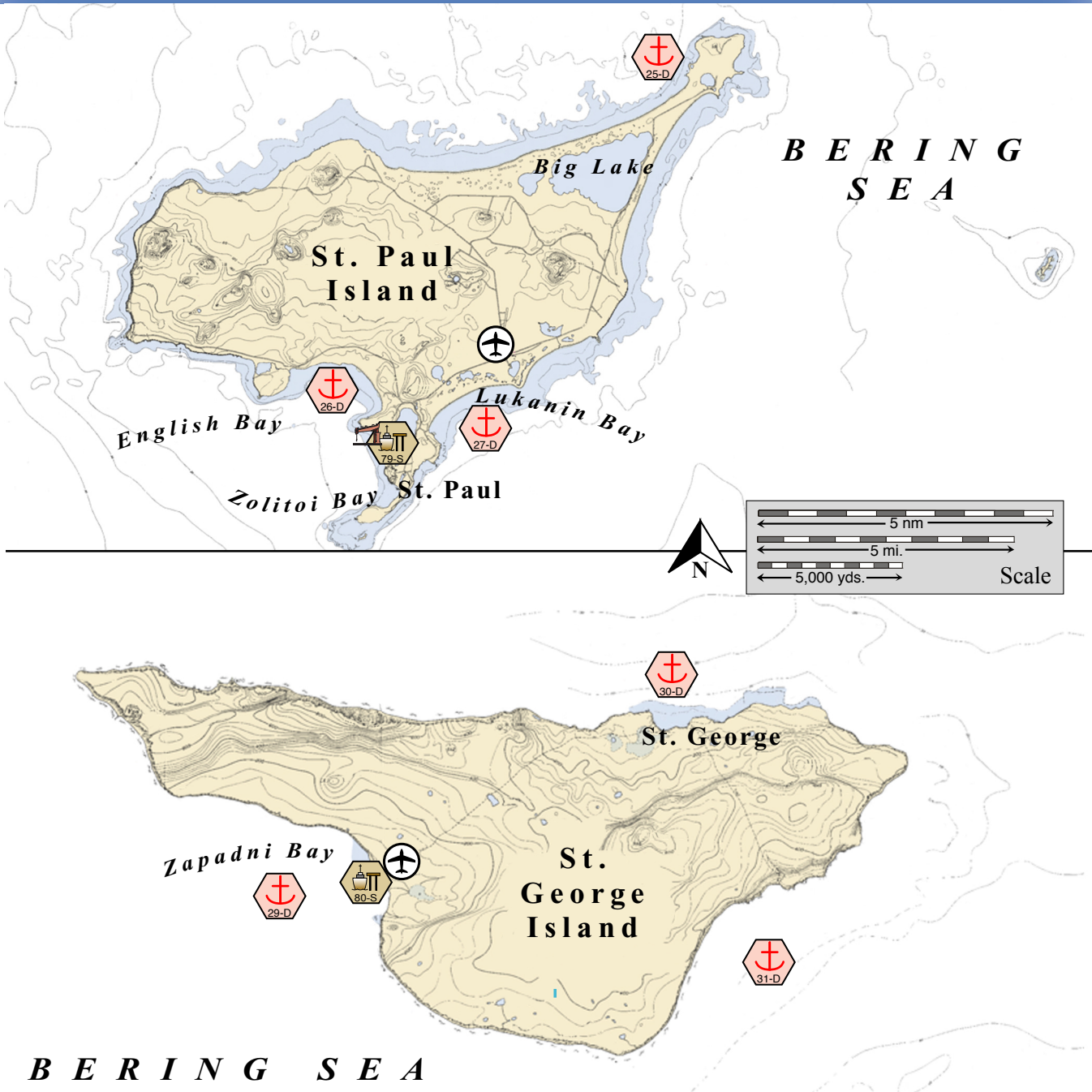


North Anchorage, St. George Island.



Potential Places of Refuge for Aleutians Subarea

Center of Map 1: 57° 11.08' N Lat., 170° 11.53' W Lon.; Map 2: 56° 35.08' N Lat., 169° 34.42' W Lon.



This is not intended for navigational use. Soundings in fathoms

Anchorage	Existing GRS
Mooring	Fish Hatchery
Dock/pier	Private Cabins
Crane	Public Use Cabins
Airport	Boat Harbor

# Aleutian PPOR Map 10

Site Considerations for PPOR Map 10 of the Aleutian Subarea									Site ID Number and Vessel Class Classification					
	North Point- St. Paul	English Bay-St. Paul	Lukanin Bay-St. Paul	Zapadni Bay- St. George		North Anchorage- St. George Is	Garden Cove- St. George	Village Cove Harbor-St. Paul	St. George Harbor					
ID Number	25-D	26-D	27-D	29-D		30-D	31-D	79-S	80-S					
Human Health & Safety														
Communities – distances-nm	St. Paul- 18	St. Paul-1	St. Paul-2	St. George- 13		St. George-.05	St. George- 7	St. Paul-4.5	St. George- 14					
Natural Resource Considerations														
Fish & Wildlife	HIGH density waterfowl and seabird concentrations and nesting, northern fur seals, Steller's sea lions, seals, sea otters and eagle nesting													
Threatened & Endangered Species	Steller's sea lions, Northern fur seals, Steller's Eiders, spectacled eider, short-tailed albatross and sea otters are present throughout													
Sensitive Areas	Designated as a Most Environmentally Sensitive Area (MESA 27-ADF&G)													
Invasive Species-Rats	These areas are rat-free													
Other Stakeholder Considerations														
Fisheries	Groundfish, crab													
Historic Properties	If suspected cultural artifacts are encountered, notify the State Historic Preservation Office and the land managers. Review adjacent GRS (if applicable) for information on historic properties.													
Mariculture	None													
Subsistence	Marine mammals, waterfowl, crab, intertidal													
Tourism/Recreation	Seasonal Tourism and local recreational activities													
Waterfront Public Facilities/Parks	Alaska Maritime National Wildlife Refuge- no facilities available		Alaska Maritime National Wildlife Refuge, Village Cove Harbor nearby	Alaska Maritime National Wildlife Refuge- no facilities available, St. George Harbor- cannery facilities nearby		Alaska Maritime National Wildlife Refuge- no facilities immediately available		Alaska Maritime National Wildlife Refuge- no facilities available, Village Cove Harbor	Alaska Maritime National Wildlife Refuge- no facilities available, St. George Harbor					
Waterfront Private Facilities	None	Cannery and Fuel Dock facilities nearby					Cannery and Fuel Dock facilities nearby							
Response and Salvage Resource Considerations														
Ability to Boom Vessel	Weather dependent						Yes							
Emergency Tow System	An emergency tow system is available to assist disabled vessels in Unalaska and Aleutian Subarea. Contact the USCG MSD-Unalaska-907.581.3466 and the Unalaska Harbor Master 907.581.1254 for additional information.													
Geographic Response Strategies	None													
Closest Alternative Places of Refuge (same sized vessel)	13 nm. to 27-D Lukanin Bay-St.Paul	1.3 nm. to 28-D Zolitoi Bay	6 nm. to 28-D Zolitoi Bay	9 nm. to 31-D Garden Cove		1 nm. to 30-D North Anchorage	8.5nm. to 28-D Zapadni Bay	40 nm to 80-S St. George Harbor	40 nm to 79-S Village Cove Harbor					
Stakeholders for Map 10 of the Aleutian Subarea														
Year-2007		Contact		Physical and Operational Characteristics for PPOR Map 10 of the Aleutian Subarea										
Aleut Corporation		President			North Point- St. Paul	English Bay-St. Paul	Lukanin Bay-St. Paul	Zapadni Bay- St George	North Anchorage- St. George Is	Garden Cove- St.George	Village Cove Harbor- St Paul	St. George Harbor		
Alaska Dept of Fish & Game		Resource Manager		ID Number	25-D	26-D	27-D	29-D	30-D	31-D	79-S	80-S		
Alaska Department of Natural Resources		Natural Resource Manager		Location	57°14.84'N 170°10.88'W	57°08.46'N 170°18.74'W	57°08.05'N 170°13.58'W	56°34.10'N 169°42.40'W	56°37.11'N 169°33.61'W	56°33.10'N 169°30.83'W	57°07.63'N 170°16.95'W	56°34.21'N 169°39.92'W		
Alaska Maritime National Wildlife Refuge		Dept of the Interior-Regional Environmental Officer		Maximum Vessel Size	Deep draft, greater than 19,999 Gross Tons							Shallow draft- 300 Gross Tons and less		
Tanadgusix Corporation		President		Type of Berthing	Anchorage							Dock		
St. George Tanaq Corporation		President		Contact	N/A							Harbormaster 907.859.2711	Harbormaster 907.859.2263	
City of St. Paul		Mayor		Navigational Approach	Approach from N	Approach from SW	Approach from the SE, E	Approach from the S, SE	Approach from the N,E,W	Approach from the S, E, NE	Approach from the W	Approach from the W		
City of St. George		Mayor		Minimum Water Depth	60 Feet in the swing area	33 Feet in swing area	30 Feet in the swing area	60 Feet in the swing area	12 Fathoms in the swing area	60 Feet in the swing area	18 Feet at the Dock Face			
Native Allotments		Dept of the Interior-Regional Environmental Officer		Maximum Water Depth	12 Fathoms in swing area	42 Feet in the swing area	42 Feet in the swing area	25 Fathoms in the swing area	22 Fathoms in the swing area	27 Fathoms in the swing area	18 Feet at the Dock Face			
				Maximum Vessel Draft	50 ft.	30 ft.	25 ft.	35 ft.		50 ft.	12 ft.			
				Swing Room/Dock Face	3600 ft.	1800 ft.	2100 ft.	3000 ft.	900 ft.	3600 ft.	200 ft. Dock Face	75 ft. Dock Face		
				Bottom Type	Sand, Rocky	Sand, Rocky	Mud, Sand					N/A		
				Docks/Piers	Nearest Alt. Dock 06-D Dutch Harbor APL Dock							Nearest Alt. 80-S St. George Harbor	Nearest Alt. 79-S St. Village Cove Harbor	
				Moorings	Nearest Mooring - Wide Bay 06-D									
				Anchorage	Nearest Alt. Anchorage-27-D Lukanin	Nearest Alt. Anchorage-28-D Zolitoi Bay		Nearest Alt. Anchorage--31-D Garden Cove	Nearest Alt. Anchorage--31-D Garden Cove	Nearest Alt. Anchorage 30-D North Anchorage	Nearest Alt. Anchorage-28-D English Bay	Nearest Alt. Anchorage 31-D North Anchorage		
				Prevailing Winds	Winter-North, Northeast, Summer-Northeast. Winds are highly variable and frequent gales occur in the area.									
				Currents	Currents are tidal influenced and drift in a circular motion around both islands. Currents are no more than 1.5 kts. max									
				Tides	Mean High Water-3.0 (Higher- 3.2) , Mean Low Water- 1.0 (Lower- -2.5)									
				Sea Conditions	Exposed to seas from SW-N	Exposed to seas from S-W	Exposed to seas from the E-SW	Exposed to SE seas	Exposed to seas from W-E	Exposed to seas from NE-SW	Sheltered			
				Shelter from Severe Storms	Sheltered from S storms	Sheltered from N-SE	Sheltered from SW-N storms	Sheltered from SW-N storms	Sheltered from storms from S	Sheltered from storms from the W-N	Sheltered			
				Fog	Fog is frequent and severe in all seasons									
				Sea ice	Sea ice occurs in large detached fields from November-March. It may present hazards to vessel navigation.									